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ABSTRACT OF THE DISCLOSURE

A keyboard control apparatus with a USB interface for use in a notebook computer having a number of keys. In one embodiment, a mapping unit is employed to store a number of
5 key matrix codes corresponding to the keys. In accordance with a clock signal and a start signal, a shift register is capable of generating a reference signal and a number of scan output signals. A key matrix circuit then receives the scan output signals to provide a number of scan input
10 signals. An address generator is used to generate an address signal based on the reference signal and a triggered scan input signal. Thus, a selector can select one key matrix code designated to the address signal from the mapping unit. Additionally, an interface converter further
15 converts the selected key matrix code into a pair of differential signals compliant with the USB specification.